

Longmont High

School Profile

FOCUS

AP, Medical and BioScience Academy, High School of Business, TrojanTECH/PTECH

CONTACT INFORMATION

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ACCREDITATION

Accredited by the Colorado Department of Education

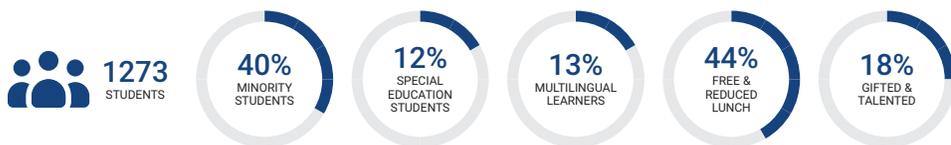


District Overview

St. Vrain Valley Schools is the educational home of more than 32,000 of Colorado's students. St. Vrain Valley is the seventh largest school district in the state and operates 57 schools and programs that are spread over 411 square miles serving 13 geographically diverse communities. All traditional schools in St. Vrain are accredited at the two highest levels with some of the most rigorous graduation requirements in Colorado. St. Vrain Valley Schools is preparing students for the future by giving them a strong competitive advantage that will empower their success in a complex, globalized economy. The district offers 70 Instructional Focus Programs including: Energy, STEM, Engineering and Aerospace, Medical and BioScience, International Baccalaureate, and Leadership.

School Overview

Longmont High School (LHS), founded as Longmont's original high school in 1901, is a learning community committed to guiding students in becoming productive, empowered and involved citizens of the world. All students have access to a full continuum of rigorous academic course offerings and a diverse selection of co-curricular activities. Additionally, LHS is home to several instructional focus programs which include Advanced Placement (AP) courses, the Medical and BioScience Academy (MBSA), the High School Business Program, and TrojanTECH (A.A.S. in Business from Front Range Community College). In addition to their coursework, students have the opportunity to participate in internship programs with local professionals, earn industry certifications, and earn college credits.



Student Achievement

- The number of AP exams administered in 2024-2025 was 689.
- 81% of AP students received a score of 3 or higher in 2024-2025.
- Longmont High School had 131 AP scholars with 38 with Distinction, 27 with Honors, 15 AP Capstone Diploma recipients, and 20 AP Research and Seminar Certificates in 2024-2025.
- The SAT composite score for LHS 2024-2025 seniors was 978.
- Over 75% of the LHS student body participate in arts, activities and/or athletics.
- Over 70% of Longmont High students are enrolled in AP, Honors, Concurrent Enrollment, Medical and BioScience Academy, and High School of Business, and PTECH coursework.
- Longmont High School has produced 96 National Merit Semifinalists, 75 National Merit Finalists, 40 National Merit Scholars, and 18 Boettcher Scholars.
- Student honors include: Boettcher Scholars, National Merit Scholars, Daniels Foundation Scholars, Wendy's High School Heisman Scholars and appointments to the armed services academies.

Academic Programming and College Credit Options

Advanced Placement (AP): 27 weighted grade courses

Honors Courses: Offered throughout 9th and 10th grade (15 course options)

Concurrent Enrollment: CU Succeed Gold and Front Range Community College

High School of Business: Students earn college credits through partnerships with colleges and universities across the nation

Medical and BioScience Academy: LHS students earn a guaranteed acceptance agreement with CU Denver and Colorado State University

TrojanTECH/PTECH: LHS students earn a fully funded, fully transferable, Associate Degree of Applied Science in Business from Front Range Community College at no cost to the student

Graduation Requirements

24.5 TOTAL CREDITS REQUIRED
AMONG THE MOST RIGOROUS
IN COLORADO

English	4.0
Math	3.0
Science	3.0
Social Studies	3.0
Fine Arts	0.5
Practical Arts	0.5
Physical Education	2.0
Health	0.5
Electives	8.0
Financial Literacy	0.5

Transcript Notations

- Includes both unweighted and weighted cumulative GPA
- Rank in class is determined by students' cumulative GPA, which includes classes taken at the college level. Every grade, except P and S, in grades 9-12 is used in calculating rank.
- A (TR) indicates credit transferred from another institution
- A (PS) indicates a dual credit college course taken through concurrent enrollment with the University of Colorado-Denver, e.g. CU Gen. Psych or Front Range Community College, e.g. FRCC English 121.
- Weighted grades are earned in courses designated as Honors or Advanced Placement using the following grading scale:

UNWEIGHTED	HONORS	ADVANCED PLACEMENT
A 4.0	A 4.5	A 5.0
B 3.0	B 3.5	B 4.0
C 2.0	C 2.5	C 3.0
D 1.0	D 1.5	D 2.0
F 0.0	F 0.0	F 0.0

The majority of Longmont High School students attend a 2 or 4 year university.

Longmont High School alumni have attended:

- Brown University
- Duke University
- Colorado State University
- Embry-Riddle Aeronautical University
- Harvard University
- Massachusetts Institute of Technology
- Princeton University
- Rensselaer Polytechnic Institute
- Stanford University
- Wellesley College
- University of Colorado - Boulder
- Yale University

College Preparatory Curriculum

The following courses are offered at Longmont High School. Specific College Preparatory (CP), Honors, and Advanced Placement (AP) classes are listed in separate columns. AP courses are considered the most difficult courses available for each subject area in which they are offered.

Traditional Offerings	College Prep & Honors	Advanced Placement
ENGLISH		
English 9 English 10 Debate/Speech Creative Writing Mystery Literature	Honors English 9 Honors English 10 CP English 11 CP English 12	AP English Language* AP English Literature* AP Seminar (AP Capstone Req.) AP Research (AP Capstone Req.)
SOCIAL STUDIES		
World Geography 9 U.S. History 10 Psychology Philosophy 1 & 2 Personal Finance Literacy	Honors World Geography 9 Honors U.S. History 10 CP U.S./CO Government	AP Human Geography 9 AP U.S. History 10 AP U.S. Government AP Comparative Government AP Psychology* AP European History AP Macro Economics AP Micro Economics
SCIENCE		
Biology 9 Chemistry 10 Physics 11 Animal Behavior Forensics Science Anatomy & Physiology	Honors Biology 9 Honors Chemistry 10*	AP Biology* AP Chemistry* AP Environmental Science* AP Physics 1 AP Physics 2*
MATHEMATICS		
Algebra 1 Geometry Algebra 2 PreCalculus Trigonometry Statistics	Accelerated Algebra Honors Geometry Honors Algebra 2 College Algebra	AP PreCalculus AP Calculus AB* AP Calculus BC* AP Statistics
ARTS		
		AP Music Theory AP 2D Art and Design AP Art History
COMPUTER SCIENCE		
		AP Computer Science A AP Computer Science Principles
<i>*CU Succeeds Gold Course</i>		
WORLD LANGUAGES		
Spanish 1-4 Spanish for Spanish Speakers I Spanish for Spanish Speakers II AP Spanish Literature and Culture French 1-4		

Instructional Focus

- 27 Advanced Placement Classes
- Medical and BioScience Academy (MBSA)
- High School of Business (HSB) Pathway Program
- TrojanTECH/PTECH program (A.A.S. Degree in business from Front Range Community College)
- STEM education through engineering and computer science.
- Active partnerships with University of Colorado Denver, University of Colorado Boulder, Colorado State University and the University of Northern Colorado
- One of the state's largest selections of AP and CU Succeed Gold courses
- World Languages in French and Spanish

Technology Focus

- All students are issued an iPad.
- Courses offered with technology focus: Computer Science, Engineering, Robotics.
- Internship opportunities and certification programs are offered at the district's Innovation Center and Career Elevation and Technology Center.
- Students have access to a Media Center, Makerspace and Virtual Reality Lab at LHS.

Focus Program Offerings

MEDICAL AND BIOSCIENCE ACADEMY

- Instruction to Health Care Foundations 9
- Nutrition & Wellness 10
- Forensic Science 10/11
- Anatomy & Physiology 10/11
- MBSA Internship 12

HIGH SCHOOL OF BUSINESS

- Leadership 9
- Wealth Management 9
- Principles of Business 10
- Business Economics 10
- Principles of Marketing 11
- Principles of Finance 11
- Principles of Management 12
- Business Strategies

TROJANTECH/PTECH AT FRCC

- Intro to Business 9
- Public Speaking 10
- Arts and Humanities
- History 10
- Legal Env. of Business 10
- Microeconomics 11
- Macroeconomics 11
- Business Ethics 11
- College Algebra 11
- Accounting I 11
- English Composition I/II 12
- Science 12
- Accounting II 12
- Business Communications 12